

having a mutator gene which causes a defect of mutation repair mechanism under a certain condition, and

C1
C2
(b) repeating a step of introduction of mutation into genomic DNA under the certain condition and a step of selection of mutant under a selection condition without introduction of mutation, wherein the steps of introduction of mutation at the second time and thereafter are carried out under the same selection condition as that in the steps of mutant selection immediately therebefore.

SUB
D2
C2
4. (Amended) The method of mutation according to claim 1, wherein the mutator gene is one or more mutator genes selected from the group consisting of dnaQ, dnaE, mutL, mutS, mutH, uvrD and dam.

SUB
D3
C3
6. (Amended) The method according to claim 1, wherein the condition for the defect of the mutation repair mechanism is a certain temperature.

SUB
4 D4
C
9. (Twice Amended) A mutant of a cell, wherein mutation is introduced into the genomic DNA of the cell by any one of the methods of claims 1, 4 and 6.

← WD → provision
10. (Amended) A mutated gene introduced into and isolated from the mutant of claim 9.